BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

DIVISION: BYATARAYANAPURA

SUB DIVISION: VIDYARANYAPURA

Name of Work: ***Estimate for Improvements and Maintenance of Parks in HMT Layout 5th Block in Ward No. 09 (Vidyaranyapura).***

Job Code: 009-20-000077

Estimated Cost ***Rs. 10.00 Lakhs***

BRUHATH BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work: Estimate for Improvements and Maintenance of Parks in HMT Layout 5th Block in Ward No. 09, (Vidyaranyapura).

	009-20-000077	P-3292 14th				Estimate Cost:		1000000.00	
Sl No.	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 **Page No. 143 / Item No. 19.1, PWD SR 2018-19**	Cum							
	For Chain Link Fencing @ HMT Layout 5th Block Park		10	0.60	0.60	0.50	1.80		
	For Chain Link Fencing @ Canara bank Park		1	150.00	0.30	0.30	13.50		
			1	150.00	0.30	0.30	13.50		
			1	120.00	0.30	0.30	10.80		
			1	110.00	0.30	0.30	9.90		
	Basic Rate	130.00					**49.50**	243.88	**12072.00**
	Area Weightage @ 6%	7.80							
	Total	**137.80**							
	Add loading and unloading Charges **It No 17.1 KSRRB M 100-1**	68.00							
	Average weight of earth 1.28 tonne / kg for 11.90 Km = 1.28 T X 11.90Km X 2.5 / km= 38.08	38.08							
		243.88							
2	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @ 0.56cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days complete as per specifications MORTH Specification No. 2100 **Item No. 27.18 Page No. 222, PWD SR 2018-19**	cum							
	For Chain Link Fencing @ HMT Layout 5th Block Park		10	0.60	0.60	0.15	0.54		
	For Chain Link Fencing @ Canara bank Park		1	150.00	0.30	0.15	6.75		
			1	150.00	0.30	0.15	6.75		
			1	120.00	0.30	0.15	5.40		
			1	110.00	0.30	0.15	4.95		
	Basic Rate	5115.00					**24.39**	5421.90	**132240.00**
	Area Weightage @ 6%	306.90							
	Total	**5421.90**							
3	"KSRRB M2100-15.1. "KSRRB M2100-14. Plain /Reinforcement Cement Concrete M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, in Open Foundation complete as per Drawing and Technical Specifications Case - I : Using Concrete Mixer" MORTH Specification No. 1500,1700 & 2100 **(Page No. 222, Item No. 27.26, PWD SR 2018-19)**	cum							
	For Chain Link Fencing @ HMT Layout 5th Block Park		10	0.45	0.45	0.60	1.22		
	For Chain Link Fencing @ Canara bank Park		1	150.00	0.20	0.45	13.50		
			1	150.00	0.20	0.45	13.50		

Sl No.	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	120.00	0.20	0.45	10.80		
			1	110.00	0.20	0.45	9.90		
	Basic Rate	6252.00					**48.92**	6627.12	**324166.00**
	Area Weightage @ 6%	375.12							
	Total	**6627.12**							
4	KSRB 4-6.4 : Providing and removing **centering, shuttering, strutting, propping** etc., and removal of form work for **vertical surface such as walls at any thickness**, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 **Page No. 16 / Item No. 4.31 PWD SR 2018-19**	Sqm							
	For Chain Link Fencing @ HMT Layout 5th Block Park		10x4	0.45		0.60	10.80		
	For Chain Link Fencing @ Canara bank Park		1	150.00		0.45	67.50		
			1	150.00		0.45	67.50		
			1	120.00		0.45	54.00		
			1	110.00		0.45	49.50		
	Basic rate	358.00					**249.30**	379.48	**94604.00**
	Add 6% AW	21.48							
	Total	**379.48**							
5	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineerin - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) **Page No. 266 / Item No. 37.2, PWD SR 2018-19**	m							
			20	4.00			80.00		
			2	3.00			6.00		
	Basic Rate	859.00					**86.00**	910.54	**78306.00**
	Area Weightage @ 6%	51.54							
	Total	**910.54**							
6	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint. **Page No. 266 / Item No. 37.4, PWD SR 2018-19**	m							
			3	50.00			150.00		
			2	10.00			20.00		
	Basic Rate	408.00					**170.00**	432.48	**73522.00**
	Area Weightage @ 6%	24.48							
	Total	**432.48**							

Sl No.	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
7	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint **Page No. 266 / Item No. 37.3, PWD SR 2018-19**	Sqm							
	Canara Bank Layout		1	55.00		3.00	165.00		
			1	10.00		3.00	30.00		
	Damage Portion		1	5.00		3.00	15.00		
			1	8.00		3.00	24.00		
	Basic rate	715.00					**234.00**	757.90	**177349.00**
	Add 6% AW	42.90							
	Total	**757.90**							
	Sub Total								**892259.00**
	GST Charges @ 12%								**107071.00**
	Miscellaneous and unforeseen charges	LS							**670.00**
								Total	**1000000.00**
Rupees Ten Lakh(s) Only									

Certificate:

1 The work spot has been inspected and the work is found necessary.

2 This estimate is prepared as per PWD SR of 2018-19.

3 The provisions were made in this estimate are necessary and adequate.

4 This works come under B.B.M.P. limits.

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Administrative Approval

Accorded For R.S.I.O. Valachenly
Head of A/C. P3292
CER NO : 274 Dt. 27.03.2020

TA

CE (YNK)

TECHNICAL SANCTION

Accorded For Rs. 10.00 Lakhs only
Head of A/c. P3292
Div. Ref. No. 94 Date 30/3/2020

AE 30/03

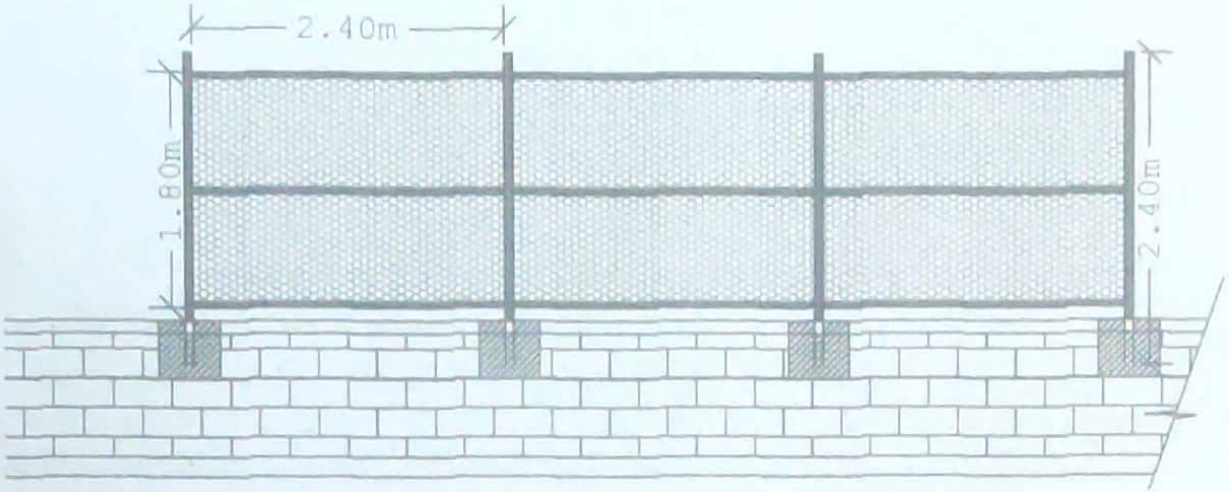
EE(BTP) 30/3

Name of work: Improvements and Maintenance of Parks in HMT Layout 5th Block in Ward No. 09, (Vidyaranyapura).

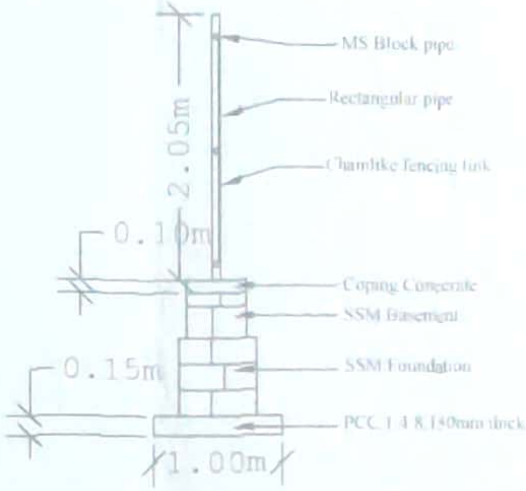
Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97



ELEVATION OF CHAIN LINK FENCING .



CROSS SECTION OF CHAIN LINK FENCING .

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

152 - BYATARAYANAPURA AC
WARD NAME : 9 - VIDYARANYAPURA

AE 4-09